

IoT Web API Description

Introduction:-

List of Web APIs which are used to PUSH IoT Data from external agencies.

API	Description
POST API/FlowMeter	PUSH / Insert flowmeter data elements [WaterSupply] and [LPCD] single value for entire village on daily basis.
POST API/GroundWater	PUSH / Insert GroundWater data elements [Depth] single value for entire village on daily basis.
POST API/Chlorine	PUSH / Insert Chlorine data elements [ResidualCL] multiple values for entire village on daily basis.
POST API/Nitrate	PUSH / Insert Nitrate data elements [NitrateLevel] multiple values for entire village on daily basis.
POST API/Fluoride	PUSH / Insert Fluoride data elements [FluorideLevel] multiple values for entire village on daily basis.
POST API/Iron	PUSH / Insert Iron data elements [IronLevel] multiple values for entire village on daily basis.
POST API/Salinity	PUSH / Insert Salinity data elements [SalinityLevel] multiple values for entire village on daily basis.
POST API/Arsenic	PUSH / Insert Arsenic data elements [ArsenicLevel] multiple values for entire village on daily basis.
POST API/TDS	PUSH / Insert TDS data elements [TDSLevel] multiple values for entire village on daily basis.
POST API/Pressure	PUSH / Insert Pressure data elements [Pressure] multiple values for entire village on daily basis.
POST API/PHLevel	PUSH / Insert PhLevel data elements [PhLevel] multiple values for entire village on daily basis.
POST API/TurbidityLevel	PUSH / Insert TurbidityLevel data elements [Turbidity] multiple values for entire village on daily basis.
POST API/LevelSensor	PUSH / Insert LevelSensor data elements [LevelSensor] multiple values for entire village on daily basis.

Note: You can copy the Authorization key in Header from Web API Registration tab of

1- Flow Meter api :-

URL:- https://ejalshakti.gov.in/IoT_API/API/FlowMeter

Input:- application/json, text/json

Sample:-

```
{
  "VillageId": "sample string 1",
  "GatewayId": "sample string 2",
  "WaterSupply": 3,
  "LPCD": 4.0,
  "Date": "2026-01-30T12:37:47.8143408+05:30"
}
```

2- Chlorine api :-

URL:- https://ejalshakti.gov.in/IoT_API/API/Chlorine

Input:- application/json, text/json

Sample:-

```
{
  "Villageld": "sample string 1",
  "GatewayId": "sample string 2",
  "TimeStamp": "2026-01-30T12:43:59.5331536+05:30",
  "ResidualCL": 2.0
}
```

OR

```
{
  "Villageld": "sample string 1",
  "GatewayId": "sample string 2",
  "ChlorineData": [
    {
      "TimeStamp": "2026-01-30T12:43:59.5331536+05:30",
      "ResidualCL": 2.0
    },
    {
      "TimeStamp": "2026-01-30T12:43:59.5331536+05:30",
      "ResidualCL": 2.0
    }
  ]
}
```

3- PHLevel api :-

URL:- https://ejalshakti.gov.in/IoT_API/API/PHLevel

Input:- application/json, text/json

Sample:-

```
{
  "Villageld": "sample string 1",
  "GatewayId": "sample string 2",
  "TimeStamp": "2026-01-30T14:07:07.9690393+05:30",
  "PH_Level": 4.0
}
```

OR

```
{
  "Villageld": "sample string 1",
  "GatewayId": "sample string 2",
  "PhLevelData": [
    {
      "TimeStamp": "2026-01-30T14:07:07.9680492+05:30",
      "PH_Level": 2.0
    },
    {
      "TimeStamp": "2026-01-30T14:07:07.9680492+05:30",
      "PH_Level": 2.0
    }
  ]
}
```

4- Turbidity Level api :-

URL:- https://ejalshakti.gov.in/loT_API/API/TurbidityLevel

Input:- application/json, text/json

Sample:-

```
{
  "Villageld": "sample string 1",
  "GatewayId": "sample string 2",
  "TimeStamp": "2026-01-30T14:07:09.3766558+05:30",
  "Turbidity": 4.0
}
```

OR

```
{
  "Villageld": "sample string 1",
  "GatewayId": "sample string 2",
  "TurbidityLevelData": [
    {
      "TimeStamp": "2026-01-30T14:07:09.3761385+05:30",
      "Turbidity": 2.0
    },
    {
      "TimeStamp": "2026-01-30T14:07:09.3761385+05:30",
      "Turbidity": 2.0
    }
  ]
}
```

5- LevelSensor api :-

URL:- https://ejalshakti.gov.in/loT_API/API/LevelSensor

Input:- application/json, text/json

Sample:-

```
{
  "Villageld": "sample string 1",
  "GatewayId": "sample string 2",
  "TimeStamp": "2026-01-30T14:07:10.3810282+05:30",
  "LevelSensorValue": 4.0
}
```

OR

```
{
  "Villageld": "sample string 1",
  "GatewayId": "sample string 2",
  "LevelSensorData": [
    {
      "TimeStamp": "2026-01-30T14:07:10.3810282+05:30",
      "LevelSensorValue": 2.0
    },
    {
      "TimeStamp": "2026-01-30T14:07:10.3810282+05:30",
      "LevelSensorValue": 2.0
    }
  ]
}
```